



PATENTS *1PW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                 |   |                            |
|---------------------------------|---|----------------------------|
| In re Application of:           | ) |                            |
|                                 | ) | Art Unit: 2123             |
| Peter A.J. vander Made et al.   | ) |                            |
|                                 | ) | Examiner: Russell L. Guill |
| Serial No.: 09/885,427          | ) |                            |
|                                 | ) | Docket No.: 05456.105039   |
| Filed: June 19, 2001            | ) |                            |
|                                 | ) | Conf. No.: 4888            |
| For: Analytical Virtual Machine | ) |                            |

**INFORMATION DISCLOSURE STATEMENT ("IDS")  
WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT THE APPROPRIATE  
FEE TO CONSIDER THE IDS**

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicants hereby submit an Information Disclosure Statement ("IDS") for consideration by the Examiner. The patents, publications or other information submitted for consideration by the Patent Office are listed on Form PTO-1449, attached hereto. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

Except as may be indicated below, all of the patents, publications or other information are in the English language, a copy of which is attached hereto and therefore, a concise explanation of each reference is not required. The following additional information is provided for the Examiner's consideration.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 8, 2005.

To assist the Examiner in reviewing this IDS, the Applicants have conducted a key word search of each U.S. patent and U.S. patent application publication listed on the attached Form PTO-1449. The Applicants used the following search terms in his query of the U.S. patents and U.S. patent application publications: (1) "(virtual\$ or artificial\$)"; (2) "(machine\$ or computer\$)"; and (3) "(malicious\$ or virus\$ or threat\$)." The Applicants used Boolean logic when performing this search in which each term was linked by the logical connector "AND." A search of these U.S. patents and U.S. patent application publications using the aforementioned terms and Boolean search logic yielded the following results (68 patents and 10 publications):

| <b>U.S. Patents</b>                           |
|---|
| U.S. Patent No. 5,359,659 to Rosenthal        |
| U.S. Patent No. 5,398,196 to Chambers         |
| U.S. Patent No. 5,440,723 to Arnold et al.    |
| U.S. Patent No. 5,452,442 to Kephart          |
| U.S. Patent No. 5,475,839 to Watson et al.    |
| U.S. Patent No. 5,557,742 to Smaha et al.     |
| U.S. Patent No. 5,606,668 to Shwed            |
| U.S. Patent No. 5,675,711 to Kephart et al.   |
| U.S. Patent No. 5,696,822 to Nachenberg       |
| U.S. Patent No. 5,765,030 to Nachenberg       |
| U.S. Patent No. 5,787,177 to Leppek           |
| U.S. Patent No. 5,796,942 to Esbensen         |
| U.S. Patent No. 5,812,763 to Teng             |
| U.S. Patent No. 5,826,013 to Nachenberg       |
| U.S. Patent No. 5,835,726 to Shwed et al.     |
| U.S. Patent No. 5,842,002 to Schnurer et al.  |
| U.S. Patent No. 5,854,916 to Nachenberg       |
| U.S. Patent No. 5,907,834 to Kephart et al.   |
| U.S. Patent No. 5,919,258 to Kayashima        |
| U.S. Patent No. 5,964,889 to Nachenberg       |
| U.S. Patent No. 5,978,917 to Chi              |
| U.S. Patent No. 5,983,348 to Ji               |
| U.S. Patent No. 5,983,350 to Minear et al.    |
| U.S. Patent No. 5,987,610 to Franczek et al.  |
| U.S. Patent No. 5,987,611 to Freund           |
| U.S. Patent No. 5,999,723 to Nachenberg       |
| U.S. Patent No. 6,016,553 to Schneider et al. |
| U.S. Patent No. 6,067,410 to Nachenberg       |
| U.S. Patent No. 6,088,803 to Tso et al.       |
| U.S. Patent No. 6,088,804 to Hill et al.      |
| U.S. Patent No. 6,119,165 to Li et al.        |

Appl. No. 09/885,427  
Information Disclosure Statement  
Docket No. 05456.105039

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|---|
| U.S. Patent No. 6,167,520 to Touboul            |
| U.S. Patent No. 6,199,181 to Rechef et al.      |
| U.S. Patent No. 6,226,372 to Beebe et al.       |
| U.S. Patent No. 6,266,774 to Sampath et al.     |
| U.S. Patent No. 6,272,641 to Ji                 |
| U.S. Patent No. 6,275,938 to Bond et al.        |
| U.S. Patent No. 6,275,942 to Bernhard et al.    |
| U.S. Patent No. 6,279,113 to Vaidya             |
| U.S. Patent No. 6,321,338 to Porras et al.      |
| U.S. Patent No. 6,324,627 to Kricheff et al.    |
| U.S. Patent No. 6,324,647 to Bowman-Amuah       |
| U.S. Patent No. 6,338,141 to Wells              |
| U.S. Patent No. 6,347,374 to Drake et al.       |
| U.S. Patent No. 6,353,385 to Molini et al.      |
| U.S. Patent No. 6,357,008 to Nachenberg         |
| U.S. Patent No. 6,405,318 to Rowland            |
| U.S. Patent No. 6,405,364 to Bowman-Amuah       |
| U.S. Patent No. 6,408,391 to Huff et al.        |
| U.S. Patent No. 6,438,600 to Greenfield et al.  |
| U.S. Patent No. 6,453,345 to Trcka et al.       |
| U.S. Patent No. 6,460,141 to Olden              |
| U.S. Patent No. 6,477,651 to Teal               |
| U.S. Patent No. 6,484,203 to Porras et al.      |
| U.S. Patent No. 6,510,523 to Perlman et al.     |
| U.S. Patent No. 6,535,227 to Fox et al.         |
| U.S. Patent No. 6,574,737 to Kingsford et al.   |
| U.S. Patent No. 6,584,454 to Hummel, Jr. et al. |
| U.S. Patent No. 6,601,190 to Meyer et al.       |
| U.S. Patent No. 6,606,744 to Mikurak            |
| U.S. Patent No. 6,647,400 to Moran              |
| U.S. Patent No. 6,681,331 to Munson et al.      |
| U.S. Patent No. 6,691,232 to Wood et al.        |
| U.S. Patent No. 6,704,874 to Porras et al.      |
| U.S. Patent No. 6,708,212 to Porras et al.      |
| U.S. Patent No. 6,711,615 to Porras et al.      |
| U.S. Patent No. 6,725,378 to Schuba et al.      |
| U.S. Patent No. 6,839,850 to Campbell et al.    |

| <b>U.S. Patent Application Publications</b>                          |
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| U.S. Patent Application Publication No. 20010034847 to Gaul et al.   |
| U.S. Patent Application Publication No. 20020032717 to Malan et al.  |
| U.S. Patent Application Publication No. 20020032793 to Malan et al.  |
| U.S. Patent Application Publication No. 20020035698 to Malan et al.  |
| U.S. Patent Application Publication No. 20020083334 to Rogers et al. |
| U.S. Patent Application Publication No. 20020138753 to Munson        |
| U.S. Patent Application Publication No. 20020144156 to Copeland      |
| U.S. Patent Application Publication No. 20030088791 to Porras et al. |
| U.S. Patent Application Publication No. 20030212903 to Porras et al. |
| U.S. Patent Application Publication No. 20040010718 to Porras et al. |

The Applicants submit that these search terms cannot be interpreted as providing emphasis on these terms when the claims are interpreted and construed by both the Examiner and the courts. The Applicants merely selected these terms to identify the prior art that may be more relevant than prior art that do not contain these search terms.

To further assist the Examiner, the Applicants have organized each of the U.S. Patents and U.S. Patent Application Publications according to classification. For the non-U.S. patent prior art, the Applicants have annotated Form PTO-1449 with the location of each document in a respective box.

The Applicant exerted this additional time and effort to help the Examiner so that if a patent is ever issued on this patent application, third parties will understand that the Applicant submitted the attached prior art on a good faith basis. The Applicant recognizes that the attached prior art is voluminous but it is not the Applicant's intent to "bury" any patents that maybe more pertinent than other ones. The Applicant does not want to dismiss any reference that he is aware of as cumulative in order to prevent third parties from arguing that the Applicant intentionally did not submit any prior art in an effort to deceive the Examiner and the Patent Office.

This IDS is being filed under 37 C.F.R. § 1.97(c)(2), before the mailing date of any of a final action under 37 C.F.R. § 1.113, a notice of allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in the application. No certification is required. The Commissioner is authorized to charge the \$180.00 fee set forth in 37 C.F.R. § 1.17(p) to Deposit

Appl. No. 09/885,427  
Information Disclosure Statement  
Docket No. 05456.105039

Account No. 11-0980. Please charge any additional fees pursuant to 37 C.F.R. §§ 1.16 or 1.17 to  
Deposit Account No. 11-0980.

If the Examiner has any questions concerning this IDS, he is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the Patent Office is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 11-0980.

Respectfully submitted,

KING & SPALDING LLP

By 

Steven P. Wigmore, Esq.

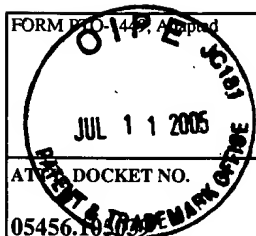
Reg. No. 40,447

Tel. (404) 572-4600

Enclosures:

1. Form PTO-1449
2. Foreign Patents
3. Publications
4. Postcard

FORM PTO-1449, Approved

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

|  |                          |                              |
|--|--------------------------|------------------------------|
| ATTORNEY DOCKET NO.<br>05456.10502         | SERIAL NO.<br>09/885,427 | FILING DATE<br>June 19, 2001 |
| APPLICANT<br>Peter A.J. vander Made et al. |                          | GROUP<br>2123                |

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|---------|-----------------|-------|----------|-------------------------------|
|                     | AA | 5,696,486       | 12/9/97 | Poliquin et al. | 340   |          |                               |
|                     | AB | 6,353,385       | 3/5/02  | Molini et al.   | 340   |          |                               |
|                     | AC | 5,353,393       | 10/4/94 | Bennett et al.  | 345   |          |                               |
|                     | AD | 6,429,952       | 8/6/02  | Olbricht        | 358   |          |                               |
|                     | AE | 5,748,098       | 5/5/98  | Grace           | 370   |          |                               |
|                     | AF | 6,396,845       | 5/28/02 | Sugita          | 370   |          |                               |
|                     | AG | 6,711,127       | 3/23/04 | Gorman et al.   | 370   |          |                               |
|                     | AH | 5,734,697       | 3/31/98 | Jabbarnezhad    | 379   |          |                               |
|                     | AI | 6,104,783       | 8/15/00 | DeFino          | 379   |          |                               |
|                     | AJ | 6,226,372       | 5/1/01  | Beebe et al.    | 379   |          |                               |
|                     | AK | 6,445,822       | 9/3/02  | Crill et al.    | 382   |          |                               |
|                     | AL | 6,563,959       | 5/13/03 | Troyanker       | 382   |          |                               |
|                     | AM | 6,618,501       | 9/9/03  | Osawa et al.    | 382   |          |                               |
|                     |    |                 |         |                 |       |          |                               |
|                     |    |                 |         |                 |       |          |                               |
|                     |    |                 |         |                 |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  | DOCUMENT NUMBER | DATE | COUNTRY | NAME | TRANSLATION<br>YES NO. |
|--|-----------------|------|---------|------|------------------------|
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**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted

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|                               |            |               |
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| ATTY. DOCKET NO.              | SERIAL NO. | FILING DATE   |
| 05456.105039                  | 09/885,427 | June 19, 2001 |
| APPLICANT                     | GROUP      |               |
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**U.S. PATENT DOCUMENTS**

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|---------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
|                     | AN | 6,628,824       | 9/30/03  | Belanger        | 382   |          |                               |
|                     | AO | 6,647,139       | 11/11/03 | Kunii et al.    | 382   |          |                               |
|                     | AP | 6,661,904       | 12/9/03  | Sasich et al.   | 382   |          |                               |
|                     | AQ | 6,668,082       | 12/23/03 | Davison et al.  | 382   |          |                               |
|                     | AR | 6,668,084       | 12/23/03 | Minami          | 382   |          |                               |
|                     | AS | 6,792,144       | 9/14/04  | Yan et al.      | 382   |          |                               |
|                     | AT | 5,345,595       | 9/6/94   | Johnson et al.  | 455   |          |                               |
|                     | AU | 6,278,886       | 8/21/01  | Hwang           | 455   |          |                               |
|                     | AV | 5,210,704       | 5/11/93  | Husseiny        | 702   |          |                               |
|                     | AW | 5,842,002       | 11/24/98 | Schnurer et al. | 703   |          |                               |
|                     | AX | 5,854,916       | 12/29/98 | Nachenberg      | 703   |          |                               |
|                     | AY | 5,999,723       | 12/7/99  | Nachenberg      | 703   |          |                               |
|                     | AZ | 6,067,410       | 5/23/00  | Nachenberg      | 703   |          |                               |
|                     | BA | 5,864,803       | 1/26/99  | Nussbaum        | 704   |          |                               |
|                     |    |                 |          |                 |       |          |                               |
|                     |    |                 |          |                 |       |          |                               |

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**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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FORM PTO-1449, Adapted

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| ATTY. DOCKET NO.              | SERIAL NO. | FILING DATE   |
| 05456.105039                  | 09/885,427 | June 19, 2001 |
| APPLICANT                     | GROUP      |               |
| Peter A.J. vander Made et al. | 2123       |               |

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| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME                  | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|----------|-----------------------|-------|----------|-------------------------------|
|                     | BB | 6,014,645       | 1/11/00  | Cunningham            | 705   |          |                               |
|                     | BC | 6,584,454       | 6/24/03  | Hummel, Jr. et al.    | 705   |          |                               |
|                     | BD | 5,675,711       | 10/7/97  | Kephart et al.        | 706   |          |                               |
|                     | BE | 5,907,834       | 5/25/99  | Kephart et al.        | 706   |          |                               |
|                     | BF | 5,649,185       | 7/15/97  | Antognini et al.      | 707   |          |                               |
|                     | BG | 5,857,191       | 1/5/99   | Blackwell, Jr. et al. | 707   |          |                               |
|                     | BH | 5,878,420       | 3/2/99   | de la Salle           | 707   |          |                               |
|                     | BI | 5,899,999       | 5/4/99   | De Bonet              | 707   |          |                               |
|                     | BJ | 6,144,961       | 11/7/00  | de la Salle           | 707   |          |                               |
|                     | BK | 6,161,109       | 12/12/00 | Matamoros et al.      | 707   |          |                               |
|                     | BL | 6,282,546       | 8/28/01  | Gleichen et al.       | 707   |          |                               |
|                     | BM | 6,463,426       | 10/8/02  | Lipson et al.         | 707   |          |                               |
|                     |    |                 |          |                       |       |          |                               |
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|  |  |                 |      |         |      | YES NO.     |

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|---------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
|                     | BN | 6,647,400       | 11/11/03 | Moran              | 707   |          |                               |
|                     | BO | 4,223,380       | 9/16/80  | Antonaccio et al.  | 709   |          |                               |
|                     | BP | 5,309,562       | 5/3/94   | Li                 | 709   |          |                               |
|                     | BQ | 5,347,450       | 9/13/94  | Nugent             | 709   |          |                               |
|                     | BR | 5,371,852       | 12/6/94  | Attanasio et al.   | 709   |          |                               |
|                     | BS | 5,515,508       | 5/7/96   | Pettus et al.      | 709   |          |                               |
|                     | BT | 5,539,659       | 7/23/96  | McKee et al.       | 709   |          |                               |
|                     | BU | 5,630,061       | 5/13/97  | Richter et al.     | 709   |          |                               |
|                     | BV | 5,706,210       | 1/6/98   | Kumano et al.      | 709   |          |                               |
|                     | BW | 5,745,692       | 4/28/98  | Lohmann, II et al. | 709   |          |                               |
|                     | BX | 5,790,799       | 8/4/98   | Mogul              | 709   |          |                               |
|                     | BY | 5,835,726       | 11/10/98 | Shwed et al.       | 709   |          |                               |
|                     | BZ | 5,881,236       | 3/9/99   | Dickey             | 709   |          |                               |
|                     | CA | 5,884,033       | 3/16/99  | Duvall et al.      | 709   |          |                               |
|                     | CB | 5,922,051       | 7/13/99  | Sidey              | 709   |          |                               |
|                     |    |                 |          |                    |       |          |                               |

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|---------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
|                     | CC | 5,964,839       | 10/12/99 | Johnson et al.   | 709   |          |                               |
|                     | CD | 5,974,237       | 10/26/99 | Shurmer et al.   | 709   |          |                               |
|                     | CE | 5,974,457       | 10/26/99 | Waclawsky et al. | 709   |          |                               |
|                     | CF | 5,983,270       | 11/9/99  | Abraham et al.   | 709   |          |                               |
|                     | CG | 6,009,467       | 12/28/99 | Ratcliff et al.  | 709   |          |                               |
|                     | CH | 6,026,442       | 2/15/00  | Lewis et al.     | 709   |          |                               |
|                     | CI | 6,035,323       | 3/7/00   | Narayan et al.   | 709   |          |                               |
|                     | CJ | 6,041,347       | 3/21/00  | Harsham et al.   | 709   |          |                               |
|                     | CK | 6,052,709       | 4/18/00  | Paul             | 709   |          |                               |
|                     | CL | 6,070,190       | 5/30/00  | Reps et al.      | 709   |          |                               |
|                     | CM | 6,073,172       | 6/6/00   | Frailong et al.  | 709   |          |                               |
|                     | CN | 6,085,224       | 7/4/00   | Wagner           | 709   |          |                               |
|                     | CO | 6,119,165       | 9/12/00  | Li et al.        | 709   |          |                               |
|                     | CP | 6,195,687       | 2/27/01  | Greaves et al.   | 709   |          |                               |
|                     |    |                 |          |                  |       |          |                               |
|                     |    |                 |          |                  |       |          |                               |

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| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
|                     | CQ | 6,377,994       | 4/23/02  | Ault et al.        | 709   |          |                               |
|                     | CR | 6,397,245       | 5/28/02  | Johnson, II et al. | 709   |          |                               |
|                     | CS | 6,415,321       | 7/2/02   | Gleichauf et al.   | 709   |          |                               |
|                     | CT | 6,434,615       | 8/13/02  | Dinh et al.        | 709   |          |                               |
|                     | CU | 6,438,600       | 8/20/02  | Greenfield et al.  | 709   |          |                               |
|                     | CV | 6,453,345       | 9/17/02  | Trcka et al.       | 709   |          |                               |
|                     | CW | 6,453,346       | 9/17/02  | Garg et al.        | 709   |          |                               |
|                     | CX | 6,484,203       | 11/19/02 | Porras et al.      | 709   |          |                               |
|                     | CY | 6,496,858       | 12/17/02 | Frailong et al.    | 709   |          |                               |
|                     | CZ | 6,519,647       | 2/11/03  | Howard et al.      | 709   |          |                               |
|                     | DA | 6,708,212       | 3/16/04  | Porras et al.      | 709   |          |                               |
|                     | DB | 6,711,615       | 3/23/04  | Porras et al.      | 709   |          |                               |
|                     | DC | 6,718,383       | 4/6/04   | Hebert             | 709   |          |                               |
|                     |    |                 |          |                    |       |          |                               |
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| <b>ATTY. DOCKET NO.</b><br>05456.105039           | <b>SERIAL NO.</b><br>09/885,427 | <b>FILING DATE</b><br>June 19, 2001 |
| <b>APPLICANT</b><br>Peter A.J. vander Made et al. |                                 | <b>GROUP</b><br>2123                |

**U.S. PATENT DOCUMENTS**

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|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
|                     | DD | 2002/0032793    | 3/14/02  | Malan et al.      | 709   |          |                               |
|                     | DE | 2003/0037136    | 2/20/03  | Labovitz et al.   | 709   |          |                               |
|                     | DF | 4,400,769       | 8/23/83  | Kaneda et al.     | 710   |          |                               |
|                     | DG | 5,511,184       | 4/23/96  | Lin               | 710   |          |                               |
|                     | DH | 5,991,856       | 11/23/99 | Spilo et al.      | 711   |          |                               |
|                     | DI | 6,324,627       | 11/27/01 | Kricheff et al.   | 711   |          |                               |
|                     | DJ | 4,975,950       | 12/4/90  | Lentz             | 713   |          |                               |
|                     | DK | 5,032,979       | 7/16/91  | Hecht et al.      | 713   |          |                               |
|                     | DL | 5,121,345       | 6/9/92   | Lentz             | 713   |          |                               |
|                     | DM | 5,204,966       | 4/20/93  | Wittenberg et al. | 713   |          |                               |
|                     | DN | 5,274,824       | 12/28/93 | Howarth           | 713   |          |                               |
|                     | DO | 5,278,901       | 1/11/94  | Shieh et al.      | 713   |          |                               |
|                     | DP | 5,311,593       | 5/10/94  | Carmi             | 713   |          |                               |
|                     | DQ | 5,359,659       | 10/25/94 | Rosenthal         | 713   |          |                               |
|                     | DR | 5,414,833       | 5/9/95   | Hershey et al.    | 713   |          |                               |
|                     | DS | 5,475,839       | 12/12/95 | Watson et al.     | 713   |          |                               |

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|                     | DT | 5,557,742       | 9/17/96  | Smaha et al.    | 713   |          |                               |
|                     | DU | 5,586,260       | 12/17/96 | Hu              | 713   |          |                               |
|                     | DV | 5,606,668       | 2/25/97  | Shwed           | 713   |          |                               |
|                     | DW | 5,623,600       | 4/22/97  | Ji et al.       | 713   |          |                               |
|                     | DX | 5,623,601       | 4/22/97  | Vu              | 713   |          |                               |
|                     | DY | 5,696,822       | 12/9/97  | Nachenberg      | 713   |          |                               |
|                     | DZ | 5,761,504       | 6/2/98   | Corrigan et al. | 713   |          |                               |
|                     | EA | 5,764,887       | 6/9/98   | Kells et al.    | 713   |          |                               |
|                     | EB | 5,764,890       | 6/9/98   | Glasser et al.  | 713   |          |                               |
|                     | EC | 5,787,177       | 7/28/98  | Leppek          | 713   |          |                               |
|                     | ED | 5,796,942       | 8/18/98  | Esbensen        | 713   |          |                               |
|                     | EE | 5,798,706       | 8/25/98  | Kraemer et al.  | 713   |          |                               |
|                     | EF | 5,812,763       | 9/22/98  | Teng            | 713   |          |                               |
|                     | EG | 5,815,574       | 9/29/98  | Fortinsky       | 713   |          |                               |
|                     | EH | 5,822,517       | 10/13/98 | Dotan           | 713   |          |                               |
|                     |    |                 |          |                 |       |          |                               |

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|                     | EI | 5,826,013       | 10/20/98 | Nachenberg          | 713   |          |                               |
|                     | EJ | 5,828,833       | 10/27/98 | Belville et al.     | 713   |          |                               |
|                     | EK | 5,832,208       | 11/3/98  | Chen et al.         | 713   |          |                               |
|                     | EL | 5,832,211       | 11/3/98  | Blakley, III et al. | 713   |          |                               |
|                     | EM | 5,838,903       | 11/17/98 | Blakely, III et al. | 713   |          |                               |
|                     | EN | 5,845,067       | 12/1/98  | Porter et al.       | 713   |          |                               |
|                     | EO | 5,848,233       | 12/8/98  | Radia et al.        | 713   |          |                               |
|                     | EP | 5,864,665       | 1/26/99  | Tran                | 713   |          |                               |
|                     | EQ | 5,875,296       | 2/23/99  | Shi et al.          | 713   |          |                               |
|                     | ER | 5,892,903       | 4/6/99   | Klaus               | 713   |          |                               |
|                     | ES | 5,919,257       | 7/6/99   | Trostle             | 713   |          |                               |
|                     | ET | 5,919,258       | 7/6/99   | Kayashima et al.    | 713   |          |                               |
|                     | EU | 5,925,126       | 7/20/99  | Hsieh               | 713   |          |                               |
|                     | EV | 5,931,946       | 8/3/99   | Terada et al.       | 713   |          |                               |
|                     | EW | 5,940,591       | 8/17/99  | Boyle et al.        | 713   |          |                               |
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|                     | EX | 5,961,644       | 10/5/99  | Kurtzberg et al. | 713   |          |                               |
|                     | EY | 5,978,917       | 11/2/99  | Chi              | 713   |          |                               |
|                     | EZ | 5,983,348       | 11/9/99  | Ji               | 713   |          |                               |
|                     | FA | 5,983,350       | 11/9/99  | Minear et al.    | 713   |          |                               |
|                     | FB | 5,987,606       | 11/16/99 | Cirasole et al.  | 713   |          |                               |
|                     | FC | 5,987,610       | 11/16/99 | Franczek et al.  | 713   |          |                               |
|                     | FD | 5,987,611       | 11/16/99 | Freund           | 713   |          |                               |
|                     | FE | 5,991,881       | 11/23/99 | Conklin et al.   | 713   |          |                               |
|                     | FF | 5,999,711       | 12/7/99  | Misra et al.     | 713   |          |                               |
|                     | FG | 6,003,132       | 12/14/99 | Mann             | 713   |          |                               |
|                     | FH | 6,061,795       | 5/9/00   | Dircks et al.    | 713   |          |                               |
|                     | FI | 6,070,244       | 5/30/00  | Orchier et al.   | 713   |          |                               |
|                     | FJ | 6,081,894       | 6/27/00  | Mann             | 713   |          |                               |
|                     |    |                 |          |                  |       |          |                               |
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|-----------------------------|----|------------------------|-------------|------------------|--------------|-----------------|---------------------------------------|
|                             | FK | 6,088,803              | 7/11/00     | Tso et al.       | 713          |                 |                                       |
|                             | FL | 6,088,804              | 7/11/00     | Hill et al.      | 713          |                 |                                       |
|                             | FM | 6,092,194              | 7/18/00     | Touboul          | 713          |                 |                                       |
|                             | FN | 6,098,173              | 8/1/00      | Elgressy et al.  | 713          |                 |                                       |
|                             | FO | 6,119,234              | 9/12/00     | Aziz et al.      | 713          |                 |                                       |
|                             | FP | 6,122,738              | 9/19/00     | Millard          | 713          |                 |                                       |
|                             | FQ | 6,154,844              | 11/28/00    | Touboul et al.   | 713          |                 |                                       |
|                             | FR | 6,167,520              | 12/26/00    | Touboul          | 713          |                 |                                       |
|                             | FS | 6,185,689              | 2/6/01      | Todd, Sr. et al. | 713          |                 |                                       |
|                             | FT | 6,205,552              | 3/20/01     | Fudge            | 713          |                 |                                       |
|                             | FU | 6,266,773              | 7/24/01     | Kisor et al.     | 713          |                 |                                       |
|                             | FV | 6,266,774              | 7/24/01     | Sampath et al.   | 713          |                 |                                       |
|                             | FW | 6,272,641              | 8/7/01      | Ji               | 713          |                 |                                       |
|                             | FX | 6,275,938              | 8/14/01     | Bond et al.      | 713          |                 |                                       |
|                             | FY | 6,275,942              | 8/14/01     | Bernhard et al.  | 713          |                 |                                       |
|                             | FZ | 6,279,113              | 8/21/01     | Vaidya           | 713          |                 |                                       |

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|---------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
|                     | GA | 6,298,445       | 10/2/01  | Shostack et al.  | 713   |          |                               |
|                     | GB | 6,301,668       | 10/9/01  | Gleichauf et al. | 713   |          |                               |
|                     | GC | 6,314,520       | 11/6/01  | Schell et al.    | 713   |          |                               |
|                     | GD | 6,321,338       | 11/20/01 | Porras et al.    | 713   |          |                               |
|                     | GE | 6,324,647       | 11/27/01 | Bowman-Amuah     | 713   |          |                               |
|                     | GF | 6,338,141       | 1/8/02   | Wells            | 713   |          |                               |
|                     | GG | 6,347,374       | 2/12/02  | Drake et al.     | 713   |          |                               |
|                     | GH | 6,357,008       | 3/12/02  | Nachenberg       | 713   |          |                               |
|                     | GI | 6,405,318       | 6/11/02  | Rowland          | 713   |          |                               |
|                     | GJ | 6,408,391       | 6/18/02  | Huff et al.      | 713   |          |                               |
|                     | GK | 6,460,141       | 10/1/02  | Olden            | 713   |          |                               |
|                     | GL | 6,470,449       | 10/22/02 | Blandford        | 713   |          |                               |
|                     | GM | 6,477,648       | 11/5/02  | Schell et al.    | 713   |          |                               |
|                     | GN | 6,477,651       | 11/5/02  | Teal             | 713   |          |                               |
|                     |    |                 |          |                  |       |          |                               |
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|                     | GO | 6,487,666       | 11/26/02 | Shanklin et al.  | 713   |          |                               |
|                     | GP | 6,499,107       | 12/24/02 | Gleichauf et al. | 713   |          |                               |
|                     | GQ | 6,510,523       | 1/21/03  | Perlman et al.   | 713   |          |                               |
|                     | GR | 6,519,703       | 2/11/03  | Joyce            | 713   |          |                               |
|                     | GS | 6,530,024       | 3/4/03   | Proctor          | 713   |          |                               |
|                     | GT | 6,546,493       | 4/8/03   | Magdych et al.   | 713   |          |                               |
|                     | GU | 6,574,737       | 6/3/03   | Kingsford et al. | 713   |          |                               |
|                     | GV | 6,578,147       | 6/10/03  | Shanklin et al.  | 713   |          |                               |
|                     | GW | 6,681,331       | 1/20/04  | Munson et al.    | 713   |          |                               |
|                     | GX | 6,691,232       | 2/10/04  | Wood et al.      | 713   |          |                               |
|                     | GY | 6,704,874       | 3/9/04   | Porras et al.    | 713   |          |                               |
|                     | GZ | 6,725,377       | 4/20/04  | Kouznetsov       | 713   |          |                               |
|                     | HA | 6,725,378       | 4/20/04  | Schuba et al.    | 713   |          |                               |
|                     | HB | 6,775,780       | 8/10/04  | Muttik           | 713   |          |                               |
|                     |    |                 |          |                  |       |          |                               |
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|                     | HC | 6,792,546       | 9/14/04  | Shanklin et al. | 713   |          |                               |
|                     | HD | 6,816,973       | 11/9/04  | Gleichen et al. | 713   |          |                               |
|                     | HE | 6,839,850       | 1/4/05   | Campbell et al. | 713   |          |                               |
|                     | HF | 2001/0034847    | 10/25/01 | Gaul, Jr.       | 713   |          |                               |
|                     | HG | 2002/0035698    | 3/21/02  | Malan et al.    | 713   |          |                               |
|                     | HH | 2002/0083331    | 6/27/02  | Krumel          | 713   |          |                               |
|                     | HI | 2002/0083334    | 6/27/02  | Rogers et al.   | 713   |          |                               |
|                     | HJ | 2002/0138753    | 9/26/02  | Munson          | 713   |          |                               |
|                     | HK | 2002/0144156    | 10/3/02  | Copeland, III   | 713   |          |                               |
|                     | HL | 2003/0088791    | 5/8/03   | Porras et al.   | 713   |          |                               |
|                     | HM | 2003/0212903    | 11/13/03 | Porras et al.   | 713   |          |                               |
|                     | HN | 2004/0010718    | 1/15/04  | Porras et al.   | 713   |          |                               |
|                     | HO | 4,672,609       | 6/9/87   | Humphrey et al. | 714   |          |                               |
|                     | HP | 4,773,028       | 9/20/88  | Tallman         | 714   |          |                               |
|                     | HQ | 5,398,196       | 3/14/95  | Chambers        | 714   |          |                               |
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|                     | HT | 5,649,095       | 7/15/97  | Cozza             | 714   |          |                               |
|                     | HU | 5,765,030       | 6/9/98   | Nachenberg et al. | 714   |          |                               |
|                     | HV | 5,964,889       | 10/12/99 | Nachenberg        | 714   |          |                               |
|                     | HW | 6,006,016       | 12/21/99 | Faigon et al.     | 714   |          |                               |
|                     | HX | 6,016,553       | 1/18/00  | Schneider et al.  | 714   |          |                               |
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|                     | HZ | 6,029,256       | 2/22/00  | Kouznetsov        | 714   |          |                               |
|                     | IA | 6,035,423       | 3/7/00   | Hodges et al.     | 714   |          |                               |
|                     | IB | 6,094,731       | 7/25/00  | Waldin et al.     | 714   |          |                               |
|                     | IC | 6,108,799       | 8/22/00  | Boulay et al.     | 714   |          |                               |
|                     | ID | 6,173,413       | 1/9/01   | Slaughter et al.  | 714   |          |                               |
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|                     | II | 6,601,190       | 7/29/03  | Meyer et al.       | 714   |          |                               |
|                     | IJ | 2002/0032880    | 3/14/02  | Poletto et al.     | 714   |          |                               |
|                     | IK | 5,454,074       | 9/26/95  | Hartel et al.      | 715   |          |                               |
|                     | IL | 5,522,026       | 5/28/96  | Records et al.     | 715   |          |                               |
|                     | IM | 6,271,840       | 8/7/01   | Finseth et al.     | 715   |          |                               |
|                     | IN | 6,517,587       | 2/11/03  | Satyavolu et al.   | 715   |          |                               |
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|                     | IX | 6,397,242       | 5/28/02 | Devine et al.         | 718   |          |                               |
|                     | IY | 2002/0032717    | 3/14/02 | Malan et al.          | 718   |          |                               |
|                     | IZ | 6,477,585       | 11/5/02 | Cohen et al.          | 719   |          |                               |
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| JB | WO 01/084285    | 11/08/01 | PCT     | Internet Security Systems, Inc.       |                        |
| JC | WO 02/006928    | 01/24/02 | PCT     | vCIS, Inc.                            |                        |
| JD | WO 00/054458    | 09/14/00 | PCT     | Psionic Software, Inc.                |                        |
| JE | WO 02/056152    | 07/18/02 | PCT     | Psionic Software                      |                        |
| JF | 0 985 995       | 08/13/03 | EP      | International Business Machines Corp. |                        |
| JG | WO 93/25024     | 12/09/93 | PCT     | Cyberlock Data Intelligence, Inc.     |                        |
| JH | WO 00/02115     | 01/13/00 | PCT     | PRC Inc.                              |                        |
| JI | WO 99/00720     | 01/07/99 | PCT     | Telefonaktiebolaget LM Ericsson       |                        |
| JJ | WO 99/50734     | 10/07/99 | PCT     | AT&T Corporation                      |                        |
| JK | WO 98/41919     | 09/24/98 | PCT     | Trend Micro, Inc.                     |                        |
| JL | WO 99/53391     | 10/21/99 | PCT     | Sun Microsystems, Inc.                |                        |
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| APPLICANT<br><b>Peter A.J. vander Made et al.</b> |                                 | GROUP<br><b>2123</b> <span style="float: right;"><b>(Box 1/4)</b></span> |

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| APPLICANT<br><b>Peter A.J. vander Made et al.</b> |                                 | GROUP<br><b>2123</b>                |

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| APPLICANT<br><b>Peter A.J. vander Made et al.</b> |                                 | GROUP<br><b>2123</b>                |

**(Box 4/4)****U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
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**FOREIGN PATENT DOCUMENTS**

| DOCUMENT NUMBER | DATE | COUNTRY | NAME | TRANSLATION<br>YES NO. |
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| EXAMINER   | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |